

Customer Information Sheet

DRAWING No.: M80-32A TO M80-32C

SHEET 2 OF 2

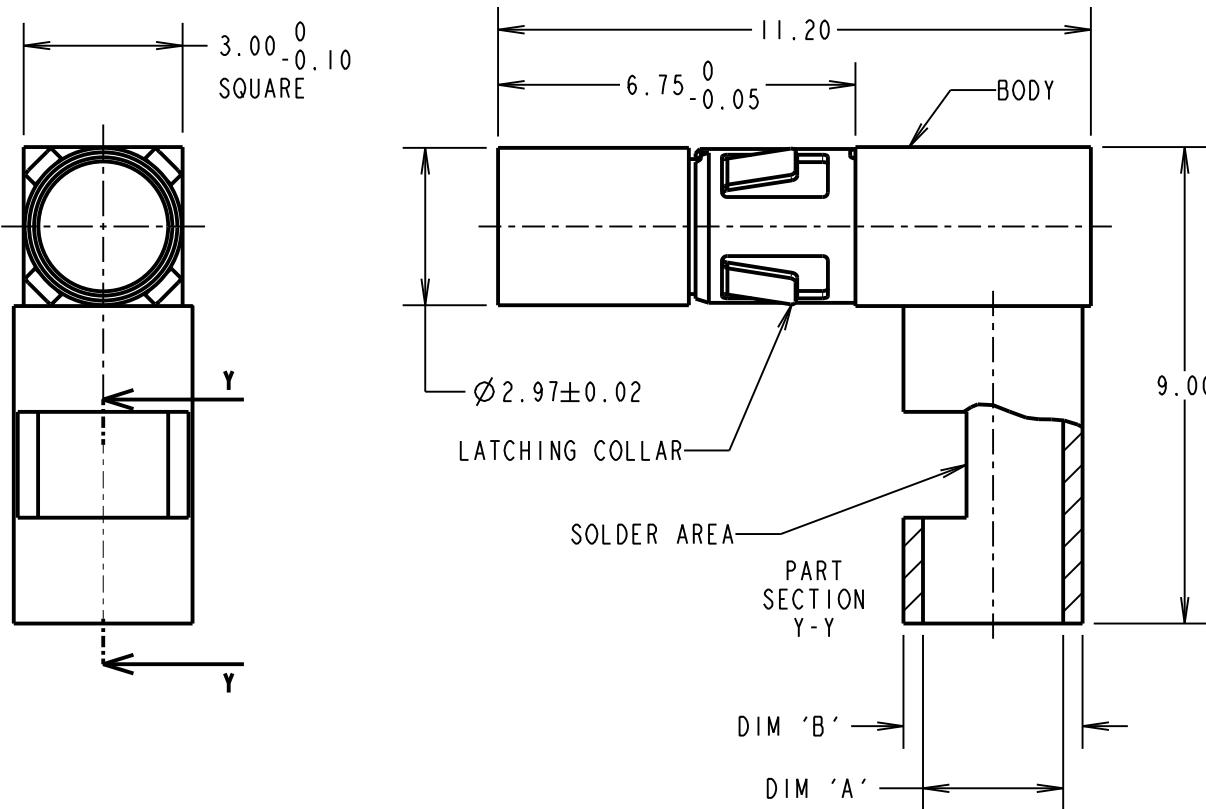
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIALS:

BODY = BRASS

LATCHING COLLAR = BERYLLIUM COPPER

FINISH:

BODY = GOLD

LATCHING COLLAR = NICKEL

ELECTRICAL:

CONTACT RESISTANCE = $6m\Omega$ MAX

CURRENT RATING = SEE TABLE (CABLE DEPENDENT)

MECHANICAL:

DURABILITY = 500 OPERATIONS

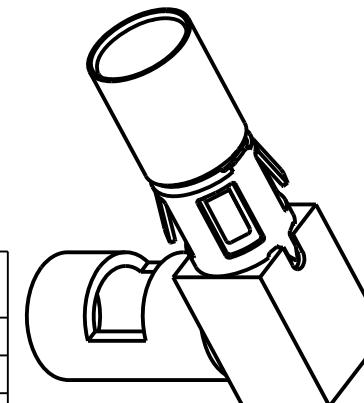
INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^\circ\text{C}$



MGP	2	04.01.13	11898
NAME	ISS.	DATE	C/NOTE

APPROVED: MGP

CHECKED: SB

DRAWN: MARK G PLESTED

CUSTOMER REF.:

ASSEMBLY DRG.:

NOTES:

1. CONNECTOR COMES SUPPLIED ASSEMBLED.
2. STRIP WIRE BY 5.00mm MINIMUM.
3. CONTACT EXTRACTION TOOL = Z80-290
4. FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).

PART No.	DIM 'A'	DIM 'B'	WIRE SIZE	CURRENT RATING
M80-32A	Ø 2.65	Ø 3.38	12 AWG	20A
M80-32B	Ø 2.15	Ø 2.97	14 AWG	15A
M80-32C	Ø 1.75	Ø 2.97	16 AWG	10A

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TOLERANCES

X. = $\pm 1\text{mm}$

X.X = $\pm 0.25\text{mm}$

X.XX = $\pm 0.10\text{mm}$

X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

TITLE: DATAMATE MIX-TEK
POWER CONTACT
FEMALE RIGHT ANGLE SOLDER

DRAWING NUMBER:

M80-32A TO M80-32C

SHT
2 OF 2